JADE

INSTALLATION INSTRUCTIONS

JADE SEALED GAS COOKTOP

MODELS: RJCT30, RJCT36, RJCT48, RJCT60

PLEASE READ THIS MANUAL COMPLETELY AND CAREFULLY BEFORE PROCEEDING.

NOTE TO THE INSTALLER: Please leave this manual with the cooktop for the consumer.
NOTE TO THE CONSUMER: Please retain this manual for future reference.

IMPORTANT

The installation of this appliance must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code ANSI Z223.1 – latest edition. If installed in Canada, installation must conform with local codes, or with CAN/CGA B149.1, Natural Gas Installation Code or CAN/CGA B149.2 Propane Gas Installation Code.
This appliance must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFA 70 – latest edition. In Canada, it must be electrically grounded in accordance with local codes or with CSA C22.1 Canadian Electrical Code Part 1.

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7355 E. SLAUSON AVENUE, COMMERCE, CALIFORNIA 90040
MADE IN USA

P/N 2400080000 06/03

safety

IMPORTANT SAFETY INSTRUCTIONS

WARNING: If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

- **Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.**

- **WHAT TO DO IF YOU SMELL GAS**
  - **Do not try to light any appliance.**
  - **Do not touch any electrical switch; do not use any phone in the building.**
  - **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
  - **If you cannot reach your gas supplier, call the fire department.**
  - **Installation and service must be performed by a qualified installer, service agency or the gas supplier.**

Do not use this appliance as a supplement to your furnace/heater. It is not designed to heat the kitchen or any other room. Using this appliance for other than its intended use could be dangerous.

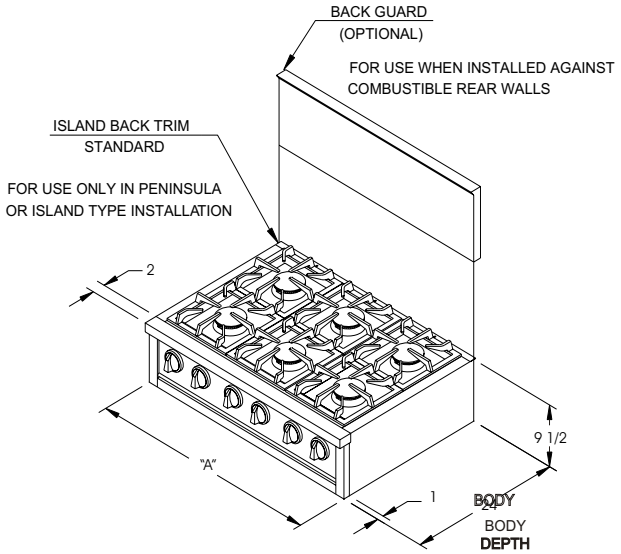
UNPACKING AND INSPECTION

Check that the container is upright. Check for visible damage on the carton. If there is damage on the carton, contact the carrier, and request an inspection. Do not refuse shipment but file the appropriate freight claims. Responsibility for shipping damage is with the carrier and dealer or end user.

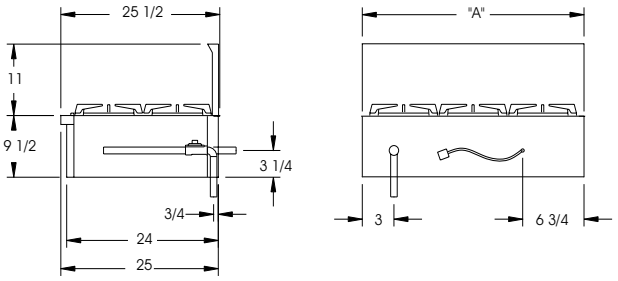
Cut the shipping straps and carefully lift the carton up from the cooktop. Check the cooktop for visible damage.

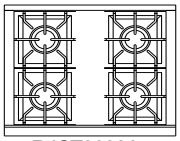
Remove, unwrap and temporarily lay aside any part or accessory shipped with the unit and make sure that there are no hardware or accessories left in the box for accidental disposal. Make sure all packing material and literature are removed from the appliance before connecting gas and electrical supply.

RJCT MODEL CONFIGURATION AND SPECIFICATIONS



MODEL	DIM "A"
RJCT30	30
RJCT36	36
RJCT48	48

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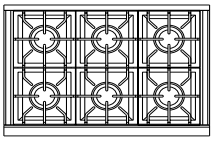
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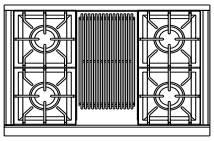
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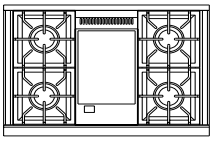
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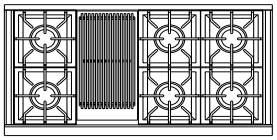
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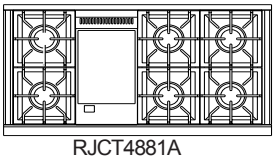
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ELECTRICAL CHARACTERISTICS: 120v, 1-phase, 60 cycles

Current draw for 12" griddle ..... 4 amps

Circuit breaker rating: 10 amp for all models

installation

CLEARANCES FROM COMBUSTIBLE SURFACES:

The Jade Gas Cooktop must be installed in accordance with the minimum clearances as illustrated. In order to reduce the hazards in reaching over the appliance, avoid placing cabinets directly above the cooktop. When installed, the maximum depth of the overhead cabinets is 13 inches. Note that the minimum vertical distance between the cooktop surface and the combustible cabinets above the cooktop is 50". If a ventilating hood is used, we recommend a minimum 30" distance from the bottom of the hood to the cooktop surface.

Because of the high burner input rate of the Jade Gas Cooktop, A PROFESSIONAL VENTILATING HOOD MUST BE INSTALLED ABOVE THE APPLIANCE IF THE SPACE "W" IS LESS THAN 48 INCHES FOR A RJCT36 AND 60 INCHES FOR A RJCT48. Please refer to the chart for the recommended ventilating hood sizes.

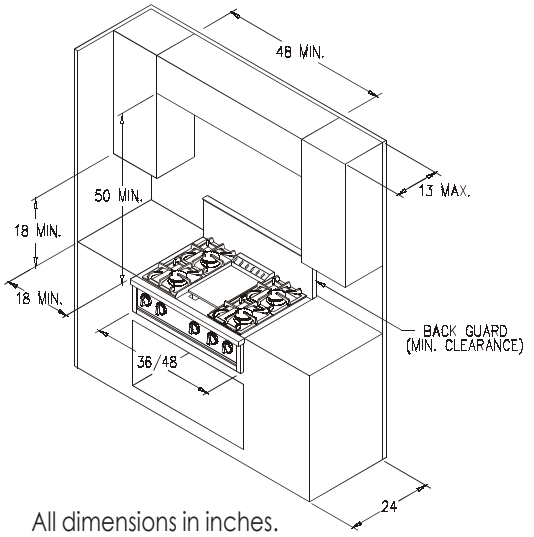
For island installation, the minimum clearances are 12" from rear wall, 6" from side cabinets (18" above cooking surface).

Recommended Size

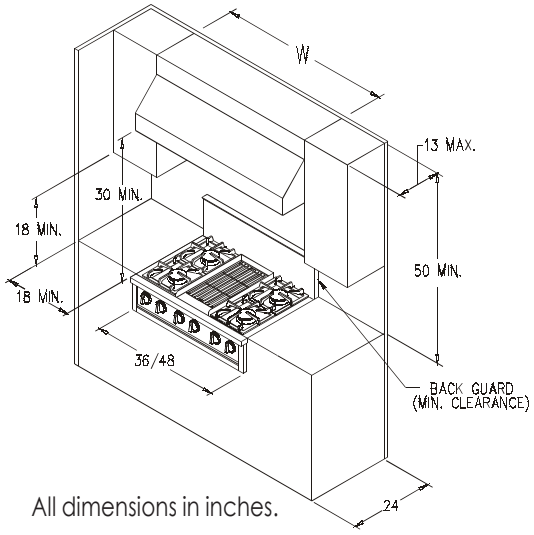
Ventilating Hood

Model	Minimum Vent Hood Size	Minimum Vent Hood Width
RJCT30	600 CFM	30"
RJCT36	900 CFM	36"
RJCT48	1200 CFM	48"

- The hood width must be at least the same width as the cooktop. The hood depth must be 19" minimum.
- The hood must not contain combustible materials.
- Due to the high volume ventilation air, a source of outside replacement air is recommended. This is particularly important for tightly sealed and insulated homes.
- A qualified heating and ventilating contractor should be consulted when installing the ventilating hood and associated duct work.
- Any opening in the wall behind the appliance and in the cabinet top under the appliance must be sealed.

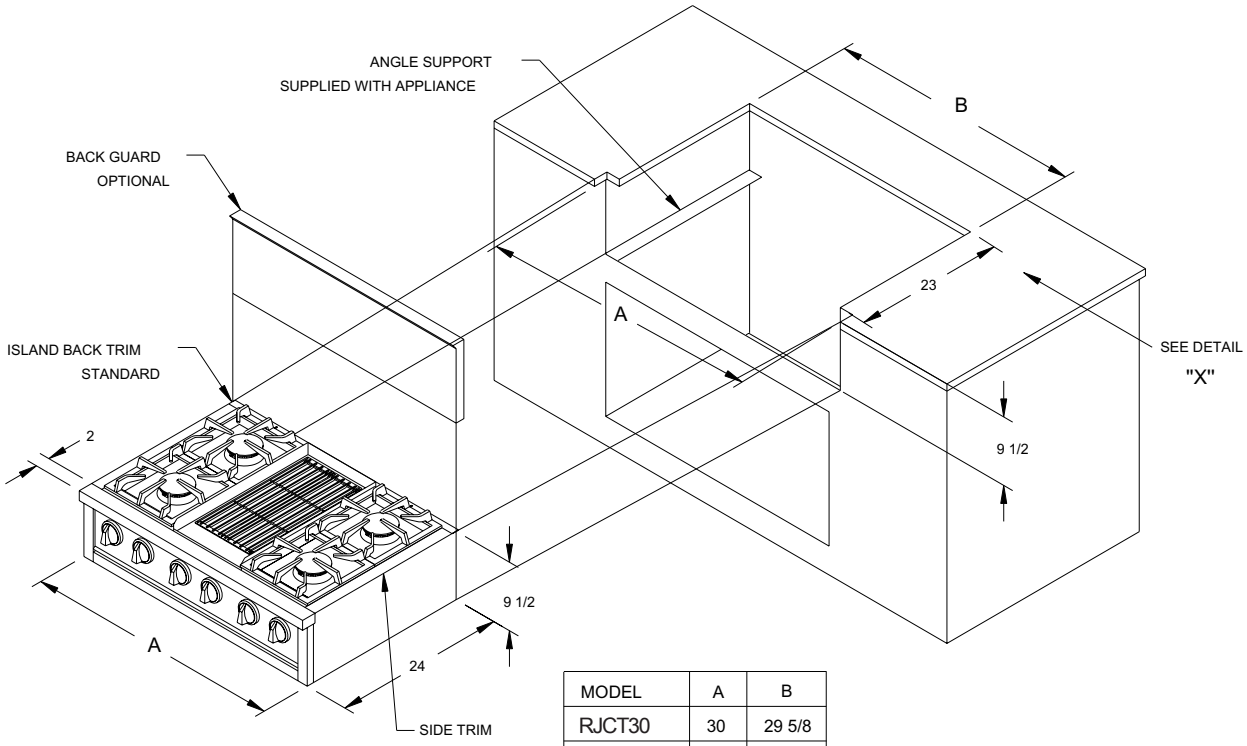


All dimensions in inches.

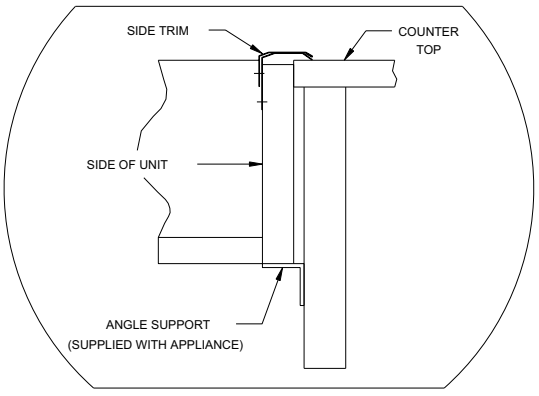


All dimensions in inches.

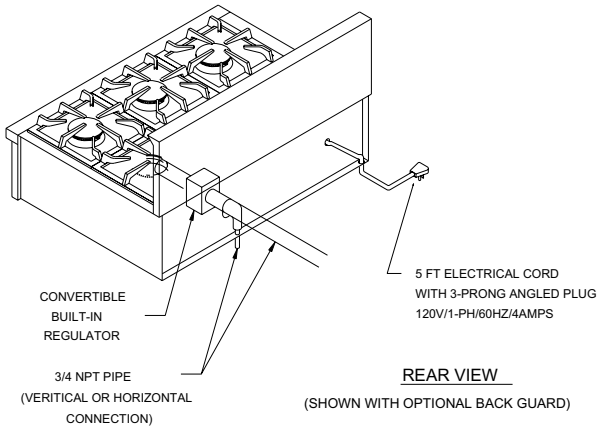
INSTALLATION LAYOUT



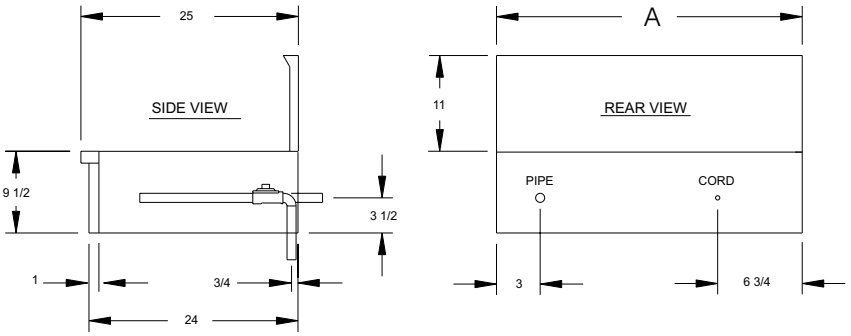
MODEL	A	B
RJCT30	30	29 5/8
RJCT48	36	35 5/8
RJCT60	48	46 5/8



DETAIL "X"



REAR VIEW
(SHOWN WITH OPTIONAL BACK GUARD)



GAS CONNECTION

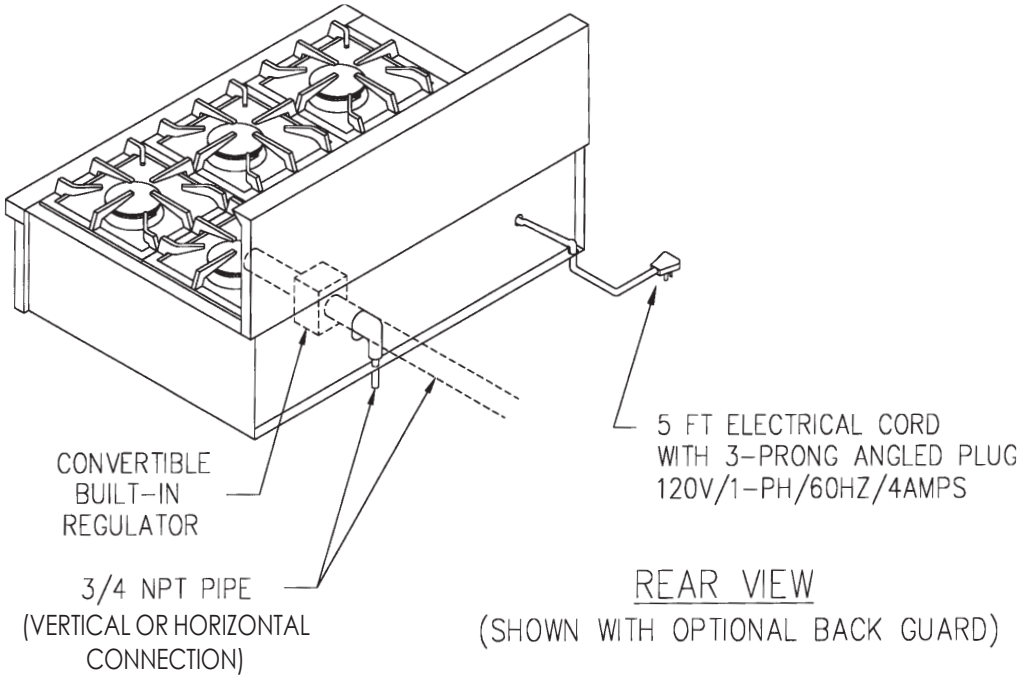
This appliance can be used with natural gas or LP gas. It is shipped from the factory adjusted for use with the gas specified on the nameplate. (See page 4 of the User Manual, for the location of the nameplate.) Please note that this appliance is not field convertible.

Shut off gas supply before removing an old cooktop and leave it off until new installation is completed.

Use only pipe joint compound that is approved for use with liquified petroleum gases. Install a manual shut-off valve in an accessible location in the gas piping, external to the range for the purpose of turning on or shutting off gas to the cooktop.

- The appliance and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5kPa).
- The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa). Check incoming gas supply pressure and the manifold pressure (after the regulator) using a manometer. The required manifold pressure for natural gas is 5" water column and for LP is 10" W.C. The gas supply line must be at least 1" W.C. (249 Pa) above the manifold pressure and must not exceed 14" W.C. (3.5 kPa or 1/2 psig).

Check for gas leaks using soap-water solution. DO NOT USE OPEN FLAME TO CHECK FOR LEAKS.



ELECTRICAL CONNECTION

The Jade Gas Cooktop requires a 120 volt, 60 hertz, single phase, individual and properly grounded branch circuit. The circuit must be protected with a 10 amp circuit breaker or time-delay fuse.

This appliance is equipped with a three-prong (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug. This appliance must be electrically grounded in accordance with local codes or, in the absence of local codes with the National Electrical Code ANSI/NFA 70-latest edition. In Canada, it must be in accordance with CSAC22.1 Canadian Electrical Code Part 1.

Disconnect power before installing the cooktop. Before turning power ON, be sure that the controls are in the OFF position.

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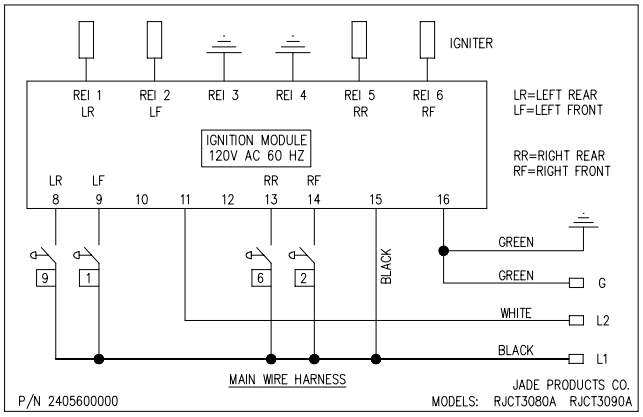

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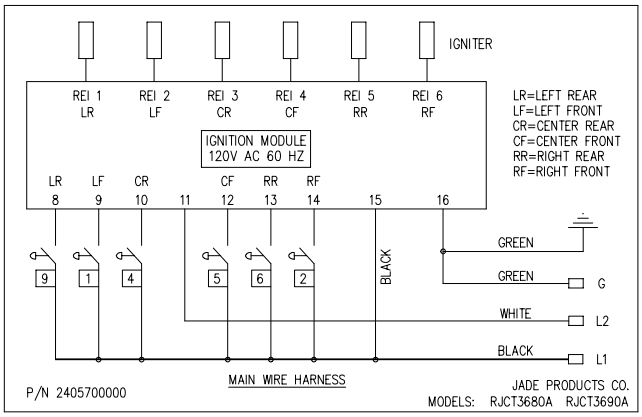

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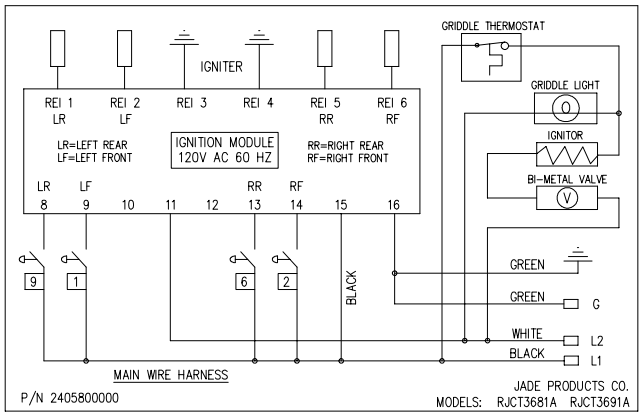

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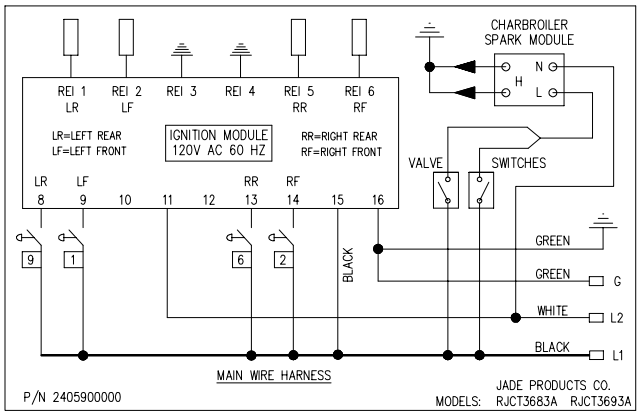

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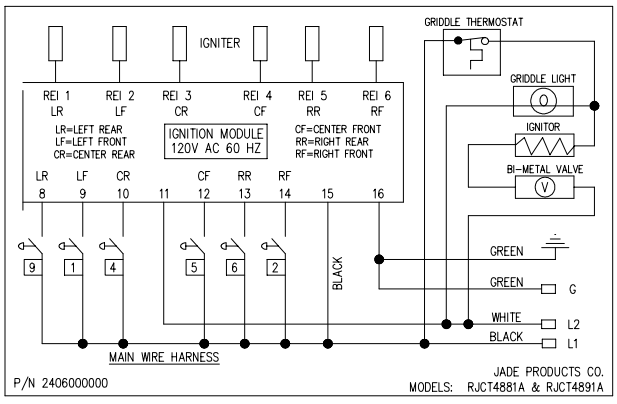

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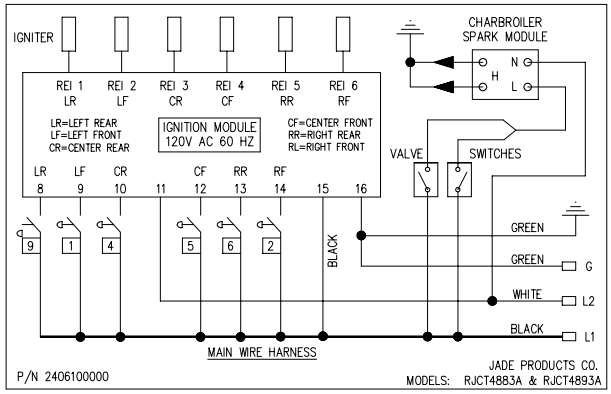

INITIAL STARTUP AND ADJUSTMENT

The air for combustion and ventilation is supplied through the front of the cooktop. The air is exhausted upward. Do not obstruct the flow of combustion and ventilation air.

Before startup, make sure that the cooktop has been carefully checked for gas leaks and that it has been properly connected to electric power.

Sealed Burners

The sealed burners are in sets of two. The right burner knob controls the front burner and the left knob controls the rear. To ignite the gas at the burner, push knob in and turn knob to LITE-SIM. You will hear a clicking sound indicating the proper operation of the spark igniter. After the air in the supply line has been purged, the gas should ignite at the burner. After ignition, turn knob to desired setting. The clicking sound should stop.

PLEASE REMEMBER: These burners produce a lot of heat at the HI setting. DO NOT OPERATE THE BURNERS WITHOUT COOKWARE ON THE GRATES. THE PORCELAIN ON THE GRATES MAY CHIP IF BURNERS OPERATE FOR AN EXTENDED PERIOD OF TIME WITHOUT COOKWARE ON GRATES.

The burners are tested and adjusted at the factory prior to shipping cooktop. Adjustment is not required on burners.

IMPORTANT: It is mandatory that the ventilating hood, if installed, be turned on and remain "ON" while burners are operating.

CHARBROILER

Similar to the open top burners, the charbroiler uses spark ignition. To light burner, push knob in, turn knob to HI and then turn to LITE. To adjust burner flames, turn air shutters. The burner flames should be blue with 1/2" high distinct cones. It is normal that during initial startup and when the knob is set on HI, the first inch of the ports is not lit. After the burners have established and warmed up, the front ports will stay lit.

GRIDDLE

The griddle uses a glowbar ignition system. To light the griddle burner, turn power switch on. Push and turn griddle thermostat to desired setting. The glowbar igniter will glow and in 20 seconds the griddle burner will ignite. The burner flames should be blue with distinct cones 1/2" to 3/4" high. To adjust burner flames, loosen air shutter screw and turn air shutter.